

CLAIMS

1. A battery terminal connecting cable (1) with a strand (2) consisting of numerous fine wires which is at least partially insulated, and a further section (4, 5) having a hole for a screw, *characterised in that* on the further section (4, 5) the numerous fine wires are welded together.

10 2. The battery terminal connecting cable according to Claim 1, *characterised in that* the further section (4, 5) is secured at the end of the strand (2).

15 3. The battery terminal connecting cable according to Claim 2, *characterised in that* the further section (4, 5) is welded onto the end of the strand (2).

20 4. The battery terminal cable according to one of Claims 2 or 3, *characterised in that* the further section (4, 5) has a contact piece (6, 7) to attach the strand (2) to the battery terminal.

25 5. The battery terminal connecting cable according to one of Claims 2 to 4, *characterised in that* the further section (4, 5) is made of copper.

30 6. The battery terminal connecting cable according to one of Claims 2 to 4, *characterised in that* the further section (4, 5) is configured so that its longitudinal extension (22) runs at an angle to the longitudinal axis (23) of the cable (1).

35 7. A method for the manufacture of a battery terminal connecting cable (1) according to one of the preceding claims in which a strand (2) consisting of numerous fine wires is welded by means of ultrasound.

8. The method according to Claim 7, characterised in that the strand (2) is welded to a contact piece or with a contact piece (6, 7).
- 5 9. The method according to Claim 8, characterised in that the strand (2) is brought flat in contact with the contact piece (6, 7) and then welded with the contact piece (6, 7) under pressure.
- 10 10. A device for the manufacture of a battery terminal connecting cable (1) according to one of the preceding claims using a sonotrode (17), a strand feed device, a contact piece feed device and a pressure cylinder (18) arranged so that the strand (2) and the contact piece (7) can be pressed onto each other by this means.
- 15 11. The device according to Claim 10, characterised by movable jaws which act on the strand (2) at right angles to the axis of the pressure cylinder (18).

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